

METHODS AND SYSTEMS FOR ENABLING SEAMLESS ROAMING OF MOBILE
DEVICES AMONG WIRELESS NETWORKS

ABSTRACT OF THE DISCLOSURE

5 A mobile device roams between homogenous or heterogenous wireless networks
while maintaining a communication connection with a home network server for the
mobile device. A gateway system for a wireless local area network (WLAN) includes
gateway servers and manages roaming of a mobile device between homogenous
wireless networks. The gateway system maintains a secure connection to a home
10 gateway server for the mobile device while the mobile device roams between
homogenous WLAN's. A network gateway manages roaming of a mobile device
between heterogenous network systems. The network gateway obtains an access
identifier from another heterogenous network system so the mobile device can roam to
the other heterogenous network system while maintaining its connection to the home
15 network gateway for the mobile device.